

## **Methods for Reducing Adventitious Agents and Toxins and Cell Culture Reagents Produced Thereby**

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### **ABSTRACT**

The present invention relates generally to a method to reduce, substantially reduce, inactivate or eliminate adventitious agents and/or toxins in a sample, particularly in nutritive media, media supplements, media subgroups and buffer formulations. Specifically, the present invention provides powdered nutritive  
10 media, media supplements and media subgroups produced by the methods of the invention, particularly cell culture media supplements (including powdered sera such as powdered fetal bovine serum (FBS)). The invention further provides powdered buffer formulations produced by the methods of the invention. The invention also provides kits and methods for cultivation of prokaryotic and  
15 eukaryotic cells, particularly bacterial cells, yeast cells, plant cells and animal cells (including human cells) using these nutritive media, media supplements, media subgroups and buffer formulations. The invention also relates to methods for producing storage stable cells having reduced, substantially reduced or eliminated adventitious agents or toxins.

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